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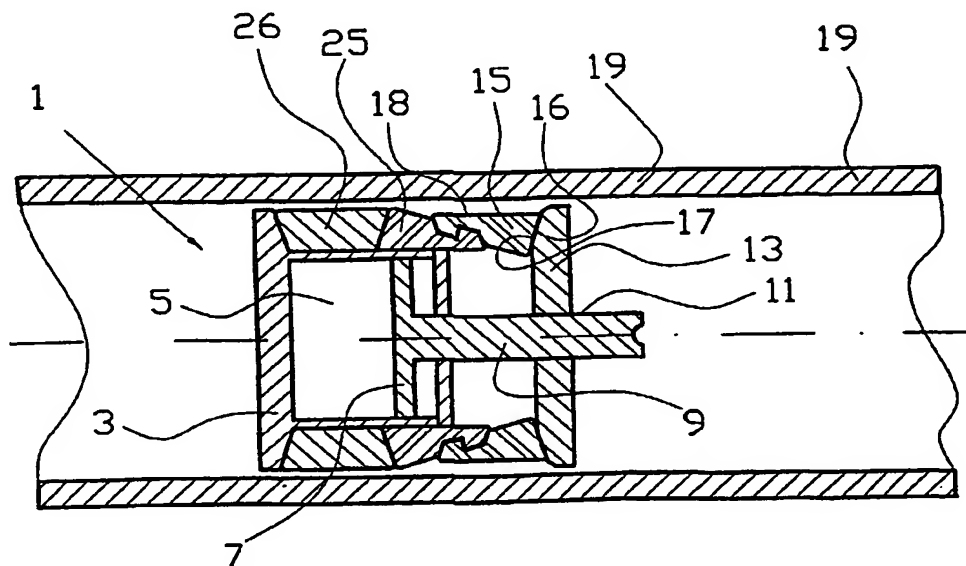
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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: DEVICE FOR FASTENING A MANOEUVRABLE PLUG FOR PLUGGING OF PIPES



(57) Abstract: Arrangement at a plug for sealing liquid- or gas-carrying pipes, comprising several slips (15) arranged peripherally on the plug, so as to allow them to be pushed up along a conical force ring (25) by means of a hydraulic cylinder (5), where the slips (15) are provided with a possibly divided sliding surface (19, 19') and at least one possibly divided sliding surface (20, 23) having an angle that differs from the angle of the sliding surface (19, 19'). The force ring (25) has sliding surfaces (27, 29, 29', 31) that correspond to the sliding surfaces (19, 19', 20, 23) of the slips. The first part of the sliding surfaces (20, 23, 27, 31) has a steep gradient and the second part of the sliding surfaces (21, 21', 29, 29') has a small gradient.

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/NO 03/00204

## A. CLASSIFICATION OF SUBJECT MATTER

IPC7: F16L 55/128

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: F16L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI-DATA, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	GB 2286868 A (STOLT COMEX SEAWAY LIMITED), 30 August 1995 (30.08.95)  --	1-6
A	US 6241424 B1 (BATH ET AL), 5 June 2001 (05.06.01)  -- -----	1-6

☐ Further documents are listed in the continuation of Box C.☒ See patent family annex.

## \* Special categories of cited documents:

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**INTERNATIONAL SEARCH REPORT**  
Information on patent family members

06/09/03

International application No.

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Patent document cited in search report			Publication date	Patent family member(s)		Publication date
GB	2286868	A	30/08/95	GB	9403061 D	00/00/00
				GB	9504421 D	00/00/00
				NO	950576 A	18/08/95
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US	6241424	B1	05/06/01	US	6003495 A	21/12/99
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